| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |  |  |

| Application No. | Applicant(s)    |
|-----------------|-----------------|
| 10/701,032      | JOHANSSON, LARS |
| Examiner        | Art Unit        |

| , | Rejected | - | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

Chen-Wen Jiang

| 4 | Appeal   |
|---|----------|
| 0 | Objected |

3744

| Cla          | aim      | Date   |                 |   |  |  |              | ::::     | Claim Date |   |       |  |          |                  |          | ו:::ר | :[       | Cl       | aim            | Date |            |          |          |          |          |                |          |          |          |   |          |          |          |
|--------------|----------|--|-----------------|---|--|--|--------------|----------|------------|---|-------|--|----------|------------------|----------|-------|----------|----------|----------------|------|------------|----------|----------|----------|----------|----------------|----------|----------|----------|---|----------|----------|----------|
|              |          |  | П               |   | Г,   | <u> </u>   | Ť            |          | ı          |   |       |  |          |                  |          |       |          |          | 1              | 十    | Ť          |          |          |          |          | ΤĪ             |          | 1        | T        | 7   | ᅱ        |          |          |
| Final        | Original | 5/18/05  |                 |   |  |  |              |          |            |   |       | Final  | Original |                  |          |       |          |          |                |      |            |          | Final    | Original |          |                |          |          |          |   |          |          | :        |
|              | 1        | 1  | Н               |   | $\vdash$   | $\vdash$   |              | Н        | -          |   |       |  | 51       | $\vdash$         | +        | +     | Н        | +        | +              | +    | -          | -        | $\dashv$ | 101      |          | -              | -        | $\dashv$ |          | -   | $\dashv$ | $\dashv$ | $\dashv$ |
|              | 2        | V  | Н               |   | $\vdash$   | $\vdash$   | H            | Н        |            |   |       |  | 52       | $\vdash$         | +        | +     | Н        | -+       | $\dashv$       | +    | 1          | -        | -        | 102      | -        |                | -        | $\vdash$ | -        |   |          | $\dashv$ | $\dashv$ |
|              | 3        | V  | H               |   | $\vdash$   | $\vdash$   |              | Н        |            |   |       |  | 53       | $\vdash$         | $\dashv$ | +     | Н        | _        | $\dashv$       | +    | 1          | $\vdash$ | _        | 103      |          | $\vdash$       | -        | $\dashv$ | -        |   |          | ┪        | $\dashv$ |
|              | 4        | V  | Н               |   | $\vdash$   | ·  |              | Н        |            |   |       |  | 54       |                  | +        | +     | Н        | -+       |                | +    | 1          | $\vdash$ |          | 104      |          | $\vdash$       | _        | $\dashv$ |          | -   | -+       | $\dashv$ | $\dashv$ |
| -            | 5        | V  | H               |   | $\vdash$   | $\vdash$   |              | Н        |            |   |       |  | 55       |                  | +        | +-    |          | +        | -              | +    | 1          | $\vdash$ | _        | 105      |          |                |          | $\vdash$ | -        | _   | -+       | $\dashv$ |          |
| -            | 6        | V  | Н               |   | -  | ┰  |              | Н        | $\vdash$   |   |       |  | 56       |                  | +        | +     | Н        | $\dashv$ |                | +    | 1          | $\vdash$ |          | 106      | $\neg$   | -              |          | $\dashv$ | -        |   | $\dashv$ | $\dashv$ |          |
|              | 7        | V  |                 |   |  | ├─   | ┢╾           | Н        |            |   |       |  | 57       | 1                | -+       | +-    | $\vdash$ | -        | -              | +    | 1          | $\vdash$ |          | 107      | $\dashv$ | Н              |          | $\dashv$ |          |   | $\dashv$ | $\dashv$ | -        |
|              | 8        | Ť  |                 |   |  |  | _            |          |            | _ |       |  | 58       | $\vdash$         | _        | - -   |          |          | $\dashv$       | _    | 1:::       | -        |          | 108      |          |                |          | П        |          |   | $\dashv$ | $\dashv$ | $\neg$   |
|              | 9        | Ī  | Н               |   | $\vdash$   | $\vdash$   |              | Н        | $\dashv$   |   |       | <b></b>  | 59       | $\vdash$         | $\dashv$ |       | $\vdash$ | _        | $\dashv$       | -    | 1          | -        | —        | 109      |          |                |          |          |          |   | $\dashv$ | ┪        | 一        |
|              | 10       | Ī  | H               |   | $\vdash$   |  |              | H        | $\dashv$   |   |       |  | 60       | H                | +        | +     | Н        | $\dashv$ | $\dashv$       | +    | 1          | $\vdash$ |          | 110      |          |                |          |          |          |   | $\dashv$ |          | $\dashv$ |
|              | 11       | Ë  | Н               |   | _  |  |              |          |            |   |       |  | 61       |                  | $\dashv$ | ╅     | H        | +        | <del>-</del> † | +    | 1          | -        |          | 111      |          |                |          |          |          |   |          |          | =        |
|              | 12       | <del>  -</del>                                   | $\vdash \vdash$ |   | $\vdash$   | $\vdash$   |              | Н        | $\dashv$   |   |       |  | 62       | $\vdash$         | +        | +     | Н        | $\dashv$ | +              | +    | 1          | $\vdash$ | $\dashv$ | 112      | _        | H              |          | Н        |          |   | $\dashv$ | $\dashv$ | $\dashv$ |
| <b>—</b>     | 13       | <del>                                     </del> | $\vdash \dashv$ |   | <del> </del>                                     | $\vdash$   | H            | H        | $\vdash$   |   |       |  | 63       | H                | +        | +     | H        | +        | +              | +    | 1          | $\vdash$ |          | 113      |          | H              |          | H        |          | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ |
| -            | 14       | -  | $\vdash$        |   | -  | -  |              | Н        | $\vdash$   |   |       | $\vdash$   | 64       | H                | +        | +     | H        | +        | +              | +    | 1          | $\vdash$ | $\dashv$ | 114      |          | H              |          | H        | H        | $\vdash$  | $\dashv$ | -1       | $\dashv$ |
| -            | 15       | -  |                 |   |  | $\vdash$   |              | .        | $\dashv$   | _ |       | $\vdash$   | 65       | H                | $\dashv$ | ╅     | $\vdash$ | $\dashv$ | $\dashv$       | +    | 1          | $\vdash$ |          | 115      |          | -              | -        |          |          | -   | $\dashv$ |          | $\dashv$ |
| -            | 16       | ├  | $\vdash$        | _ | ├-   | ┢  |              | Н        | $\dashv$   |   |       |  | 66       |                  | +        | +     | $\vdash$ | $\dashv$ | -              | ╅    | 1          | H        |          | 116      | -        | -              | -        | -        |          |   | -+       |          | ⊣        |
|              | 17       | ├  |                 |   | $\vdash$   | -  |              | Н        |            |   |       |  | 67       | H                | +        | +-    | $\vdash$ | -        | +              | +-   | 1:::       | $\vdash$ |          | 117      | -        | -              | -        |          |          |   | -        |          | $\dashv$ |
| -            | 18       | -  | Н               | _ | $\vdash$   |  | $\vdash$     | Н        | $\dashv$   |   |       |  | 68       | H                | +        | +-    | ╁┈┤      | -+       | +              | +    | 1          | $\vdash$ |          | 118      | -        | -              | -        |          |          |   |          |          | $\dashv$ |
|              | 19       |  |                 |   | ┝  | ┢  | H            | H        | $\dashv$   | _ |       | $\vdash$   | 69       | 1                | $\dashv$ | +     | -        | +        | +              | ╅    | 1:::       | -        |          | 119      |          | -              | _        |          | _        |   |          |          | $\dashv$ |
|              | 20       | -  | $\vdash$        |   | $\vdash$   | <del>                                     </del> | $\vdash$     | Н        | $\dashv$   |   |       |  | 70       | $\vdash$         | -        | +     | +-1      | -        | +              | +    | -          | $\vdash$ |          | 120      | -        | -              | _        |          |          |   |          |          | $\dashv$ |
|              | 21       | -  | $\vdash$        |   | -  | ┢  | ├            | Н        | $\dashv$   |   |       |  | 71       | $\vdash$         | $\dashv$ | +     | $\vdash$ | _        | +              | +-   | ┨∷         | -        | -        | 121      |          | -              | -        | -        | -        |   | -        |          | $\dashv$ |
|              | 22       | -  | $\vdash$        |   |  | -  |              | Н        | $\dashv$   | _ |       | <u> </u>   | 72       | $\vdash$         | -        | +     | $\vdash$ | $\dashv$ | $\dashv$       |      | ┨          | -        |          | 122      | -        | $\vdash$       | -        |          |          |   |          |          |          |
|              | 23       |  | -               |   |  |  |              | Н        | $\dashv$   | _ |       |  | 73       | H                |          | +     | $\vdash$ | $\dashv$ | $\dashv$       | ╈    | ╣          | -        |          | 123      | -        | Н              | _        | -        | _        |   |          |          |          |
| -            | 24       |  | $\vdash$        |   |  |  | -            | Н        | $\dashv$   | _ |       | <u> </u>   | 74       | <del>  .  </del> |          | +     | $\vdash$ | $\dashv$ | +              | +    | -          | $\vdash$ |          | 124      | -        | -              |          | -        | _        |   |          |          | _        |
|              | 25       |  | -               |   |  |  | $\vdash$     | H        | $\dashv$   |   |       | _  | 75       | H                |          | +     | $\vdash$ | +        | +              | +    | 1          | -        |          | 125      | -        | $\vdash$       | _        | Н        |          | -   | +        |          |          |
|              | 26       | -  | $\vdash$        |   |  | -  | $\vdash$     | Н        | $\dashv$   |   |       | <u> </u>   | 76       | $\vdash$         | _        | +     | $\vdash$ | -        | $\dashv$       | +    | -          | -        |          | 126      | -        |                |          | -        | _        |   | -        |          |          |
|              | 27       | -  |                 |   |  |  | -            | H        | -          | _ |       | <u> </u>   | 77       | $\vdash$         |          | +     | $\vdash$ | -        | -              | +    | -          | -        |          | 127      | -        |                |          | -        | _        |   | -+       |          |          |
| -            | 28       | ├-   | $\vdash$        |   |  | ├  | -            | H        |            |   |       | <u> </u>   | 78       | Н                | _        | +     | H        | -        | +              | +    | -          | -        |          | 128      | -        |                |          |          |          |   | -        |          |          |
| -            | 29       |  | $\vdash$        |   |  |  | -            | Н        |            |   |       | <u> </u>   | 79       | ╁┤               | -        | +     | $\vdash$ | +        | +              | +    | ┨┈         | $\vdash$ | -        | 129      |          |                | -        | -        | _        | -   |          |          |          |
|              | 30       | -  | $\vdash$        | _ | -  | -  | ┢            | Н        | $\dashv$   |   |       | <u> </u>   | 80       | $\vdash$         | -        | +     | $\vdash$ | -        | +              | +    | ┨∷         | $\vdash$ | _        | 130      | -        | -              | -        | -        | _        |   | $\dashv$ |          |          |
| -            | 31       |  | Н               |   | -  | 1  |              | H        | $\dashv$   |   |       |  | 81       | $\vdash$         |          |       | $\vdash$ | $\dashv$ |                | +    | ┨          | $\vdash$ |          | 131      | -        | -              |          |          | -        | $\dashv$  | $\dashv$ |          | -        |
|              | 32       | ┢  | Н               |   | _  | $\vdash$   | $\vdash$     | Н        | $\dashv$   | _ |       | <u> </u>   | 82       | $\vdash$         |          |       | $\vdash$ | -+       |                | +-   | ┨╬         | $\vdash$ |          | 132      | -        | -              | _        | -        |          |   | $\dashv$ |          |          |
|              | 33       |  | Н               |   |  |  |              | Н        | $\dashv$   |   |       | <u> </u>   | 83       | $\vdash$         |          | ┪     | $\vdash$ | $\dashv$ | $\dashv$       | +-   | -          | -        |          | 133      | -        |                |          | -        |          |   | $\dashv$ |          |          |
|              | 34       |  | H               |   | -  | 1  | H            | H        | Н          |   |       | <u> </u>   | 84       | H                | +        | +-    | $\vdash$ | $\dashv$ | $\dashv$       | +    | 1          | -        |          | 134      |          | $\vdash$       |          | H        | $\vdash$ | $\dashv$  | $\dashv$ |          | $\dashv$ |
|              | 35       | <del>                                     </del> | $\vdash$        |   | $\vdash$   | $\vdash$   | $\vdash$     | Н        | $\vdash$   |   |       | $\vdash$   | 85       | $\vdash \vdash$  | +        | +     | $\vdash$ |          | +              | +-   | ╣          |          | -        | 135      | $\vdash$ | $\vdash$       | H        | $\vdash$ | $\vdash$ | $\vdash$  | -        |          | $\vdash$ |
| <u> </u>     | 36       | <del>  -</del>                                   | $\vdash \vdash$ |   | $\vdash$   | -  | ├            | $\vdash$ | $\vdash$   |   |       | <del> </del>                                     | 86       | $\vdash$         | +        | +     | Н        | $\dashv$ | 十              | +    | ┨          | $\vdash$ | -        | 136      | $\vdash$ | H              |          | H        | $\vdash$ |   | $\dashv$ |          | $\dashv$ |
| <b>—</b>     | 37       | -  | $\vdash$        |   |  | -  | <del> </del> | Н        | -          |   |       | <del></del>                                      | 87       | $\vdash$         | +        | +     | $\vdash$ | $\dashv$ | +              | +    | ┨∷         | $\vdash$ |          | 137      |          | $\vdash\vdash$ | $\vdash$ |          | $\vdash$ | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ |
| <del> </del> | 38       |  | Н               |   | -  | -  | ┢            | Н        |            |   |       | <del> </del>                                     | 88       | $\vdash \vdash$  |          | +-    | $\vdash$ | $\dashv$ | +              | +    | 1          | -        |          | 138      | -        | $\vdash$       | -        |          | $\vdash$ | $\vdash$  | $\dashv$ |          |          |
| <b>-</b>     | 39       | $\vdash$   | Н               |   | $\vdash$   | $\vdash$   | $\vdash$     | Н        | $\vdash$   |   |       | <del></del>                                      | 89       | $\vdash \vdash$  |          | +-    | $\vdash$ | -+       | +              | +    | 1::        | ╟        |          | 139      | -        | $\vdash$       | $\vdash$ | $\vdash$ |          | $\vdash$  | $\dashv$ |          | $\dashv$ |
|              | 40       | $\vdash$   | H               |   | <del>                                     </del> |  | H            | Н        | $\vdash$   |   |       | H  | 90       | ┝┤               | -+       | ╁     | $\vdash$ | +        | $\dashv$       | +    | 1          | -        |          | 140      | $\vdash$ | $\vdash$       |          | $\vdash$ | $\vdash$ | -   | $\dashv$ |          | $\dashv$ |
| <u> </u>     | 41       |  | H               |   | $\vdash$   | $\vdash$   | H            | H        | H          | - |       | <u> </u>   | 91       | $\vdash$         | +        | ╁     | $\vdash$ | $\dashv$ | +              | +    | ┨∷         | -        |          | 141      | -        | $\vdash$       | H        | $\vdash$ | -        |   | -        | -        | $\dashv$ |
|              | 42       | <u> </u>   | $\vdash$        |   | $\vdash$   | $\vdash$   | $\vdash$     | Н        | $\vdash$   |   |       | <del>                                     </del> | 92       |                  | +        | +     | +        | $\dashv$ | +              | +    | 1          | $\vdash$ |          | 142      |          | $\vdash$       | -        | -        | -        | $\vdash$  | $\dashv$ |          | $\dashv$ |
| <del> </del> | 43       | H  | Н               |   | -  |  | $\vdash$     | H        | $\vdash$   |   |       | <u> </u>   | 93       | $\vdash$         | +        | +-    | $\vdash$ | $\dashv$ | +              | +    | 1          | $\vdash$ |          | 143      |          | $\vdash$       | Н        |          |          | -   |          |          | $\dashv$ |
| $\vdash$     | 44       | <del>  -  </del>                                 | $\vdash \vdash$ |   | <del> </del>                                     | -  | -            | $\vdash$ | -          | - |       | <del> </del>                                     | 94       | $\vdash \vdash$  | -+       | - -   | $\vdash$ | $\dashv$ | +              | +-   | ┨          | -        | $\dashv$ | 144      | $\vdash$ | Н              | H        | $\vdash$ |          | $\vdash$  | $\dashv$ |          | $\dashv$ |
|              | 45       | 1  | $\vdash$        |   | ┢  | $\vdash$   | $\vdash$     | Н        | $\vdash$   |   |       | <del> </del>                                     | 95       | $\vdash$         | $\dashv$ | ╁     | $\vdash$ | +        | +              | +    | 1          | $\vdash$ |          | 145      |          | H              |          | $\vdash$ | $\vdash$ | Н   | -        |          | $\dashv$ |
|              | 46       |  | $\vdash$        |   | $\vdash$   | -  | <del> </del> | $\vdash$ | $\vdash$   | _ |       | <del> </del>                                     | 96       | $\vdash$         |          | +     | $\vdash$ | -+       | +              | +    | <b>⊣</b> ∷ | -        |          | 146      | -        | $\vdash$       |          | $\vdash$ | $\vdash$ | $\vdash$  | $\dashv$ |          | $\vdash$ |
| <b></b>      | 47       | <del> </del>                                     | $\vdash$        |   | $\vdash$   |  | $\vdash$     | $\vdash$ | $\vdash$   | _ |       | <del>                                     </del> | 97       | $\vdash$         | +        | +     | $\vdash$ | $\dashv$ | +              | +    | 1:::       | -        |          | 147      | =        | $\vdash$       | -        | $\vdash$ | $\vdash$ |   |          |          | Н        |
| 1            | 48       | ╌  | $\vdash$        |   | <del>                                     </del> | 1  | -            | $\vdash$ |            |   |       |  | 98       | ╂╼┤              | $\dashv$ | +     | $\vdash$ | -        | +              | +-   | - ::::     | $\vdash$ |          | 148      |          | $\vdash$       | -        | Н        |          | $\vdash \vdash$   | -        |          | $\dashv$ |
|              | 49       | $\vdash$   | $\vdash \dashv$ | _ | <del> </del>                                     | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$   |   |       | ├─   | 99       | ╁╌┤              | $\dashv$ | +     | $\vdash$ | $\dashv$ | +              | +    | -          | $\vdash$ | -        | 149      | -        | $\vdash$       |          | $\vdash$ |          | $\vdash$  | $\dashv$ |          | $\dashv$ |
| <u> </u>     | 50       |  | Н               | - | $\vdash$   | -  | -            | $\vdash$ | $\vdash$   |   |       | <u> </u>   | 100      | ╁╌┤              | -+-      | +     | $\vdash$ | -+       | +              | +-   | ┨::        | -        | -        | 150      | $\vdash$ | H              | H        | $\vdash$ | $\vdash$ | $\vdash$  | $\dashv$ | -        | $\dashv$ |
|              |          |  |                 |   |  | <u>t</u>   |              | 1        | لــــا     |   | ::::: |  | 100      |                  |          |       | 1        |          | L              |      | J::::      | :        |          | .,,,,    |          | لبــا          |          | L        |          | $ldsymbol{ld}}}}}}$ |          |          | $\Box$   |